



Product Evaluation

DR724 | 0615

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: DR-724

Effective Date: June 1, 2015

Re-evaluation Date: April 2016

Product Name: SLPS 8'0" Fiberglass Glazed Outswing Hinged Double Doors with Sidelites, Impact Resistant

Manufacturer: Nan Ya Plastics Corporation USA
8989 North Loop East
Houston, TX 77029
(713) 674-7822

General Description:

System	Description	Label Rating	Design Pressure Rating
1	SLPS 8'0" Fiberglass Glazed Outswing Hinged Double Doors with Sidelites; OXXO	R-PG70 144 x 80-SHD; Missile Level D	+70 / -70 psf

Product Dimensions (Overall and Door Panels):

System	Overall Size	Panel Size	Glass Daylight Opening Size – Door Panel
1	143-1/8" x 95-1/2"	Active Panel: 34-1/2" x 93-5/16" Inactive: 34-1/2" x 93-5/16"	21" x 79"

Product Dimensions (Sidelites):

System	Silelite Panel Size	Glass Daylight Opening
1	34-1/2" x 93-5/16"	21" x 79"

Hardware:

- **Hinges:** Four (4) required per door panel; secure to the door panel with four (4), No. 10 x 2" screws; secure to the door jamb with two (2), No. 10 x 7/8" screws and two (2) No. 10 x 2" screws.
- **3-Point Lock System:** surface mount with lever type handle key operator; locate on the active door panel.
- **3-Point Lock System:** surface mount with lever type handle key operator; locate on the passive door panel.
- **Strike Plate-Lock:** one required; locate on the inactive panel lock stile; secure with four (4), No. 9 x 7/8" screws.
- **Strike Plate-Hook:** two required; locate on the inactive panel lock stile; secure with two (2), No. 9 x 7/8" screws
- **Strike Plate – Head:** one required; locate on the door frame head; secure with two (2), No. 9 x 7/8" screws.
- **Strike Plate – Sill:** one required; secure to the sill with two (2), No. 9 x 7/8" screws.

Threshold:

- Outswing: aluminum threshold, 1-5/8" high

Product Identification (Certification Agency Label on Window):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Nan Ya Plastics USA
	Product Name	SLPS Outswing Hinged Fiberglass Patio Door w/ or w/o Sidelites
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E1886-02/04/05, ASTM E1996-04/06/09 Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Acceptance of Smaller Assemblies: TDI accepts door assemblies with dimensions equal to or smaller than those specified within the limitations of this report.

Acceptable configurations are: O/X/XX/OX/XO/OXO/XXO/OXX/OXXO.

Installation:

Design Drawings: The doors must be installed in accordance with Drawing No. 08-01538, titled "SLPS 8'0" Height OS Patio Door Fiberglass Side Hinged Door W/ Sidelites," sheets 1 through 10 of 10, dated April 16, 2012, Revision C, dated March 18, 2014, signed and sealed by Luis R. Lomas., P.E on March 20, 2015. The stated drawings will be referred to as the approved drawings in this evaluation report.

Wall Framing Construction: The doors may be mounted to several types of wall framing construction. The types of wall framing construction allowed include:

- Concrete (minimum compressive strength: 3,200 psi)
- Hollow concrete block; ASTM C-90, Grade N, Type 1 (or greater)
- Wood dimension lumber (minimum Hem-Fir, G=0.46)

Installation:

- Refer to Sheets 1 of 10 and 2 of 10 of the approved drawings for the elevation and notes.
- Refer to Sheets 3 of 10 and 4 of 10 of the approved drawings for the anchor layout.
- Refer to Sheets 5 of 10 through 9 of 10 of the approved drawings for installation details.
- The approved drawings indicate the minimum embedment depths for the fasteners and the minimum edge distances (minimum distance fastener must be from the edge of the substrate material) for the fasteners.

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.